

IN THE CLAIMS

1-20. (Canceled).

21. (Currently Amended) A system storing data comprising:

a switch comprising a first node communicatively coupled to a computer and plural second nodes each of which is coupled to a storage system;

plural storage systems coupled to said switch, each of said plural storage systems comprises a controller and at least one disk coupled to the controller; and

a management unit coupled to said switch and each of said plural storage systems;

wherein configuration information of the system is ~~set~~ transmitted to said switch and said plural storage systems from said management unit, and according to the received configuration information, each of said switch and said plural storage systems changes it's configuration to process an access request issued from said computer based on the received configuration information.

22. (Currently Amended) ~~A~~The system according to claim 21, wherein said management unit receives structural information from said plural storage systems and said switch, and ~~sets~~transmits the configuration information to said plural storage systems and said switch based on the received structural information.

23. (Currently Amended) ~~The A~~The system according to claim 22, wherein the structural information, which said management unit receives, is information ~~about the~~indicating number of disks of ~~a~~each said storage system and capacity of ~~a~~each disk of each said storage system.

24. (Currently Amended) ~~The A~~The system according to claim 22, wherein said management unit comprises a screen, and displays logical connection information between the first node of said switch and one of said plural storage systems accessible from the first node ~~a storage system on said screen, said logical connection information shows a storage system accessible from the first node of said switch~~.

25. (Currently Amended) The A-system according to claim 21, wherein said management unit receives trouble information from ~~a~~ one of said plural storage systems.

26. (Currently Amended) The A-system according to claim 21, wherein a logical storage area in one of said plural storage systems is configured according to RAID level specified in said configuration information transmitted from said management unit ~~sets RAID level to a storage system~~.

27. (Currently Amended) The A-system according to claim 21, wherein said management unit ~~sets~~ transmits logical connection information between the first node of said switch and a one of said plural storage systems, which is accessible from the first node to said switch ~~storage system, said logical connection information shows a storage system accessible from the first node of said switch~~.

28. (Currently Amended) The A-system according to claim 21, wherein said management unit ~~sets~~ transmits configuration

information of associated with a logical unit in said plural storage systems to said switch.

29. (Currently Amended) The A-system according to claim 28, wherein ~~a~~ said logical unit includes a storage area in ~~at least one disk of a one of said plural storage systems~~ storage system.

30. (Currently Amended) The A-system according to claim 29, wherein ~~a~~ said logical unit includes storage areas each included in different disks of one of said plural storage systems ~~in at least two disks of a storage system~~.

31. (Currently Amended) The A-system according to claim 30, wherein said configuration information ~~of associated with~~ a logical unit includes a logical unit number for identifying a logical unit and a port number for identifying a port of said one of said plural storage systems, which is coupled to one of said plural second nodes of said switch ~~a storage system, the port is coupled to a second node of said switch~~.

32. (Currently Amended) The A-system according to claim 29, wherein said management unit ~~sets~~ further transmits configuration information ~~of~~ associated with a combined logical unit in said plural storage systems to said switch.

33. (Currently Amended) The A-system according to claim 32, wherein a said combined logical unit includes plural logical units.

34. (Currently Amended) The A-system according to claim 33, wherein a said combined logical unit includes said plural logical units each included in different plural storage systems ~~in plural storage systems~~.

35. (Currently Amended) The A-system according to claim 34, wherein said configuration information ~~of~~ associated with a combined logical unit includes a combined logical unit number for identifying a said combined logical unit and logical unit numbers for identifying said plural logical units included in ~~the~~ said combined logical unit.

36. (Currently Amended) The A-system according to claim 28, said switch sends an access request received from a said computer to one of said plural storage systems based on the said configuration information of associated with a logical unit.

37 -64. (Canceled)

65. (New) A method for configuring a system for data storing, wherein said system comprises a switch comprising a first node communicatively coupled to a computer and plural second nodes each of which is coupled to a storage system, plural storage systems coupled to said switch, each of said plural storage systems comprises a controller and at least one disk coupled to the controller, and a management unit coupled to said switch and each of said plural storage systems, said method comprising the steps of:

transmitting configuration information of said system from said management unit to each of said switch and said plural storage systems;

according to the configuration information, changing configuration of each of said switch and said plural storage systems to process an access request issued from said computer based on the configuration information.

66. (New) The method according to claim 65, further comprising receiving said management unit receiving structural information from said plural storage systems and said switch, and transmitting the configuration information to said plural storage systems and said switch based on the received structural information.

67. (New) The method according to claim 66, further comprising receiving structural information with said management unit indicating number of disks of each said storage system and capacity of each disk of each said storage system.

68. (New) The method according to claim 66, further comprising displaying logical connection information between the first node of said switch and one of said plural storage

systems accessible from the first node on a screen of said management unit.

69. (New) The method according to claim 65, further comprising receiving trouble information from one of said plural storage systems.

70. (New) The method according to claim 65, further comprising configuring a logical storage area in one of said plural storage systems according to RAID level specified in said configuration information transmitted from said management unit.

71. (New) The method according to claim 65, further comprising said management unit transmitting logical connection information between the first node of said switch and one of said plural storage systems, which is accessible from the first node to said switch.

72. (New) The method according to claim 65, further comprising said management unit transmitting configuration



information of associated with a logical unit in said plural storage systems to said switch.

73. (New) The method according to claim 72, further comprising said logical unit including a storage area in one disk of one of said plural storage systems.

74. (New) The method according to claim 73, further comprising said logical unit including storage areas each included in different disks of one of said plural storage systems.

75. (New) The method according to claim 74, further comprising said configuration information associated with a logical unit including a logical unit number for identifying a logical unit and a port number for identifying a port of said one of said plural storage systems, which is coupled to one of said plural second nodes of said switch.

76. (New) The method according to claim 73, further comprising said management unit transmitting configuration

information associated with a combined logical unit in said plural storage systems to said switch.

77. (New) The method according to claim 76, further comprising said combined logical unit including plural logical units.

78. (New) The method according to claim 77, further comprising said combined logical unit including said plural logical units each included in different plural storage systems.

79. (New) The method according to claim 78, further comprising said configuration information associated with a combined logical unit including a combined logical unit number for identifying said combined logical unit and logical unit numbers for identifying said plural logical units included in said combined logical unit.

80. (New) The method according to claim 72, further comprising said switch sending an access request received from

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said computer to one of said plural storage systems based on  
said configuration information associated with a logical unit.